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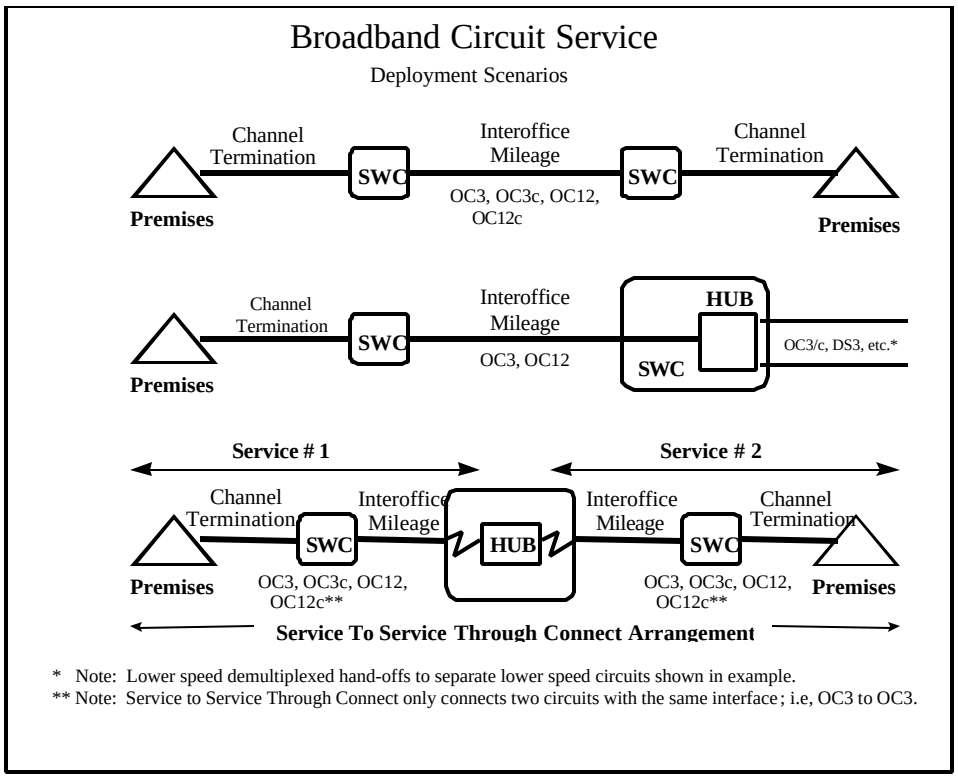
ACCESS SERVICE

20. Broadband Circuit Service (N)

20.1 General Description

Broadband Circuit Service (BCS) is a special access service which transports SONET optical rate capacities between two end points. BCS can be provided between two customer designated premises when provisioned for OC-3 (155.520 Mbps), OC-3c (155.520 Mbps concatenated), OC-12 (622.080 Mbps), and OC-12c (622.080 Mbps concatenated). BCS is only available where facilities and equipment exist.

When provisioned for non-concatenated OC-3 (155.520 Mbps) and OC-12 (622.080 Mbps), BCS is provided under three topologies. These include: A) between two customer designated premises; B) between a customer designated premises and a Telephone Company Hub Central Office; and C) a Service-to-Service Through Connect Arrangement between a Telephone Company Hub Central Office and another compatible Telephone Company provided special access service, such as another BCS circuit with the same speed and interface type. These deployment scenarios are shown below.



* Note: Lower speed demultiplexed hand-offs to separate lower speed circuits shown in example.
** Note: Service to Service Through Connect only connects two circuits with the same interface; i.e, OC3 to OC3.

(N)

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ACCESS SERVICE

20. Broadband Circuit Service (Cont'd) (N)

20.1 General Description (Cont'd)

BCS circuits are configured based on customer requirements provided to the Telephone Company at the time of ordering. BCS does not extend the SONET Data Communications Channel overhead across the Network Interface to the customer's equipment. BCS may be configured in the following ways:

A. OC-3:

1. Three STS-1 (Synchronous Transport Signal) channels which each contain:

- One asynchronous DS3 that is STS-1 Mapped (BCS Default Configuration);
- Up to 28 asynchronous DS1s that are VT-Mapped; or
- An STS-1 channel without constraint to payload mapping when the STS-1 channel does not terminate via the Central Office Multiplexing optional feature to DS1 or DS3 services within the Telephone Company's network as in Section 20.2(D)(3) following.

2. A single concatenated STS-3c channel.

B. OC-12:

1. Twelve STS-1 channels which each contain:

- One asynchronous DS3 that is STS-1 Mapped (BCS Default Configuration);
- Up to 28 asynchronous DS1s that are VT-Mapped; or
- An STS-1 channel without constraint to payload mapping when the STS-1 channel does not terminate via the Central Office Multiplexing optional feature to DS1 or DS3 services within the Telephone Company's network as in Section 20.2(D)(3) following.

2. Four concatenated STS-3c channels;

3. From one to three STS-3c channels mixed with from three to nine STS-1 channels subject to the utilization of the total OC-12 capacity;

4. A single concatenated STS-12c channel. (N)

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ACCESS SERVICE

20. Broadband Circuit Service (Cont'd)

20.1 General Description (Cont'd)

The customer is responsible for providing, at the time of ordering, the required STS signal configuration to be contained in each OC-3 and OC-12 BCS circuit. This information is required for routing and connection purposes in the network. (Note: BCS will be configured for asynchronous DS3 that is STS-1 Mapped if the customer does not provide the STS signal configuration at the time the service is ordered.)

If the customer elects to modify the STS-1 configuration of an existing premises-to-premises, non-concatenated OC-12 BCS that involves lower speed concatenated signals (i.e., STS-3c), an OC-12 STS-1 Channel Reconfiguration Charge will apply per customer initiated change as set forth in Section 20.2(L)(3) and 20.3.2(F) following. (N)

ACCESS SERVICE

20. Broadband Circuit Service (Cont'd) (N)

20.2 Rate Regulations

This section contains the specific regulations governing the rates and charges which may apply to BCS. The rates and charges in effect at the time the BCS is installed and accepted by the customer are the rates and charges which will be billed to the customer requesting the service. The rates and charges in effect at the time may not be the same as those rates and charges in effect at the time the customer requests the service.

If the Telephone Company initiates rate changes resulting in a decrease of rates for an existing service with a 3 or 5 year billing period, those rate changes will be passed along to the customer. Rate changes resulting in an increase of rates for an existing service with a 3 or 5 year billing period will not exceed the original rate for that selected billing period. Rate changes may occur as a result of F.C.C. action.

The four basic rate categories for BCS are Channel Termination, Interoffice Mileage, Service-to-Service Through Connect Arrangement, and Optional Features.

A. Channel Termination (CT)

The CT provides for the communications path between a customer designated premises and the serving wire center. CTs are only offered without terminal equipment at the customer's designated premises.

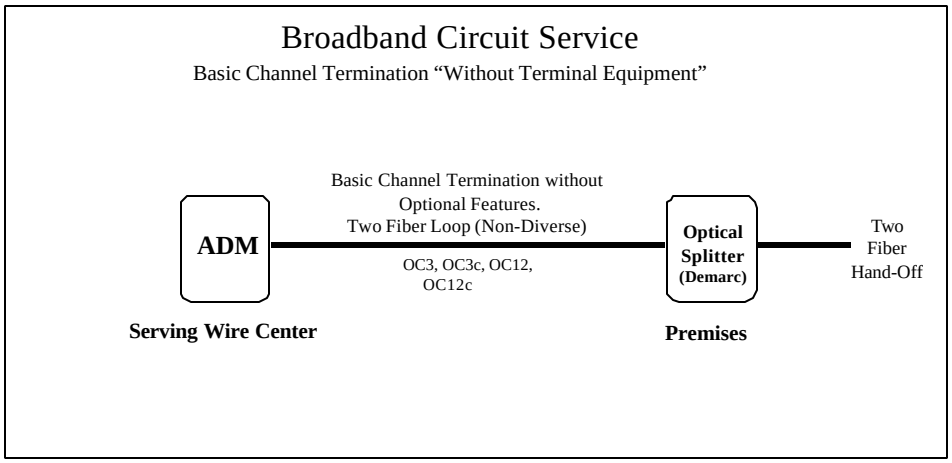
Without terminal equipment is defined as a CT without the Telephone Company's Add-Drop Multiplexer (ADM) located on the customer's premises. A BCS CT is terminated on a fiber optic splitter that hands-off either two or four fiber optic strands to the customer depending on the optional features ordered. The customer is required to provide an ADM that is compatible with the Telephone Company's ADM in the serving wire center as is described in Technical Publication GR-253-CORE. BCS does not extend the SONET Data Communications Channel overhead across the Network Interface to the customer's equipment. The figure following illustrates a deployment scenario where customers might order a basic CT without Equipment Protection (EP) or Loop Redundancy (LR) optional features. (N)

ACCESS SERVICE

20. Broadband Circuit Service (Cont'd)

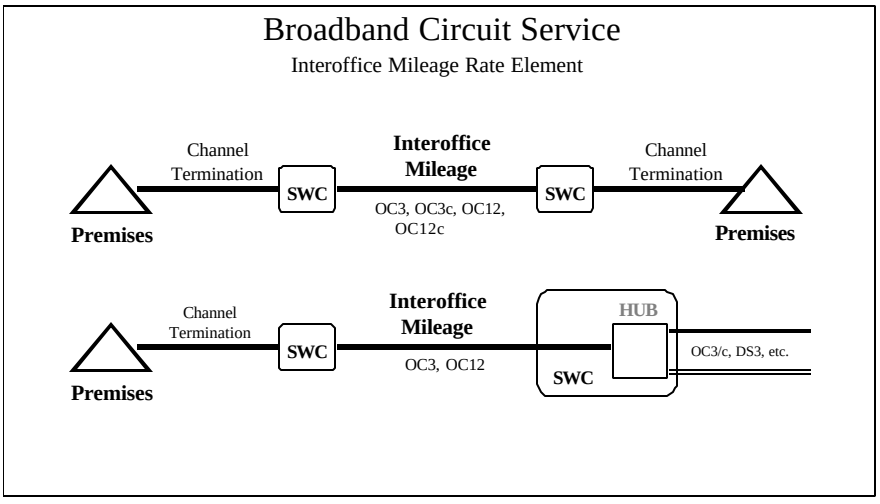
20.2 Rate Regulations (Cont'd) (N)

A. Channel Termination (CT) (Cont'd)



B. Interoffice Mileage (IM)

IM provides for the transmission facilities between the serving wire centers associated with two customer designated premises, between a serving wire center and a Telephone Company Hub Central Office, or between two Telephone Company Hub Central Offices. The figure below illustrates two deployment scenarios that involve IM.



(N)

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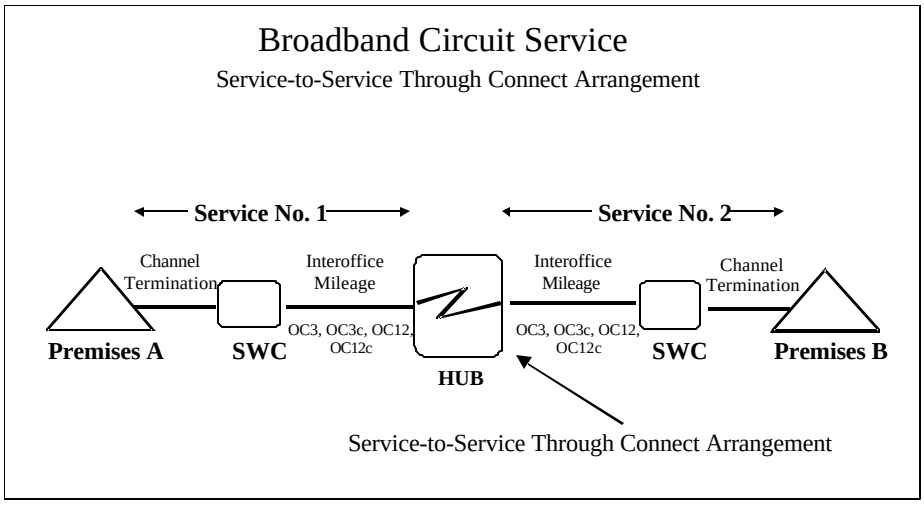
ACCESS SERVICE

20. Broadband Circuit Service (Cont'd) (N)

20.2 Rate Regulations (Cont'd)

C. Service-to-Service Through Connect Arrangement

A Service-to-Service Through Connect Arrangement provides for an interconnection of two BCS circuits with the same speed and interface, or a like-speed and interface BCS circuit associated with another compatible Telephone Company provided special access service as provided by the tariff. The figure below illustrates the Service-to-Service Through Connect Arrangement.



(N)

ACCESS SERVICE

20. Broadband Circuit Service (Cont'd)

(N)

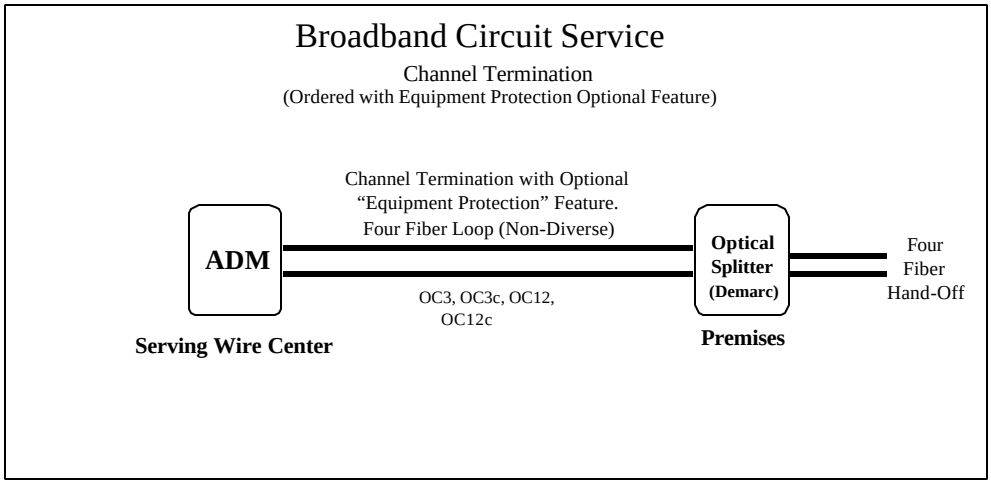
20.2 Rate Regulations (Cont'd)

D. Optional Features

1. Equipment Protection

Equipment Protection (EP) is a CT optional feature that provides for automatic restoration of BCS in the event of an equipment card failure within the Telephone Company's ADM located in the serving wire center. EP is provided via four fibers (working and protect side) in conjunction with the CT. EP does not provide for automatic loop redundancy nor any protection within the customer's ADM on their premises. EP relies upon a customer provided ADM for protection switching functions that are compatible with the Telephone Company's ADM in the serving wire center. EP is not available as a stand-alone feature with Loop Redundancy, since EP is inherent to that feature.

Customers will order EP when they require a non-diverse four fiber loop and a four fiber hand-off to enable EP on their compatible ADM customer premises equipment as in Technical Publication GR-253-CORE. The figure below illustrates when a CT is ordered with EP.



(N)

ACCESS SERVICE

20. Broadband Circuit Service (Cont'd) (N)

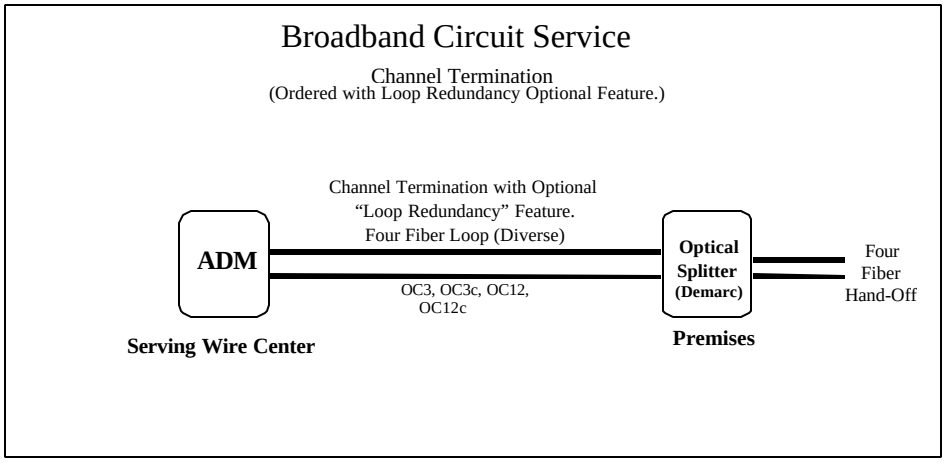
20.2 Rate Regulations (Cont'd)

D. Optional Features (Cont'd)

2. Loop Redundancy

Loop Redundancy (LR) is a CT optional feature that provides for automatic restoration of BCS in the event of either a BCS local loop failure or an equipment line card failure. LR features two physically diverse fiber routes between the first man-hole near the customer's premises and their serving wire center, and is provisioned with a four fiber hand-off to the customer. Dual-entrance facilities into the customer's premises are not included with LR. LR relies upon a customer provided ADM for protection switching functions that are compatible with the Telephone Company's ADM in the serving wire center. To provide equipment line card protection, LR includes the EP optional feature as specified in 20.2(D)(1) preceding. LR is only available where compatible equipment and facilities exist.

A customer would order LR when they require a diverse four fiber loop and a four fiber hand-off to enable LR (and EP) capability on their Customer Premises Equipment ADM. The figure below illustrates when a CT is ordered with LR.



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ACCESS SERVICE

20. Broadband Circuit Service (Cont'd) (N)

20.2 Rate Regulations (Cont'd)

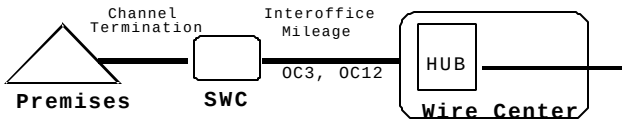
D. Optional Features (Cont'd)

3. Central Office Multiplexing

Central Office Multiplexing (CO-MUX) provides an arrangement in a Telephone Company Hub Central Office that demultiplexes a non-concatenated BCS (e.g., OC-3, OC-12) into a mix of lower speed signals. The mix of demultiplexed signals cannot exceed the maximum bandwidth of the higher speed BCS circuit terminated on CO-MUX. Availability of CO-MUX equipment is dependent upon the overall bandwidth of the high-speed circuit being terminated on the multiplexer (e.g., OC-12 BCS) and the desired lower demultiplexed speeds. If asynchronous DS-1 ports are required on an OC-12 BCS circuit, then the OC-3 CO-MUX feature and associated DS-1 ports must be ordered in addition to the OC-12 CO-MUX feature. CO-MUX can only be ordered in conjunction with a BCS circuit. The customer must provide configuration information for the entire multiplexing option at the time the order for the service is placed.

CO-MUX consists of two types of monthly charges; 1) a System Arrangement charge (use of the Central Office Multiplexer), and 2) a Port charge (by available interface and speed.) The figure below illustrates when a CT is ordered with CO-MUX.

Broadband Circuit Service
Central Office Multiplexing



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ACCESS SERVICE

20. Broadband Circuit Service (Cont'd) (N)

20.2 Rate Regulations (Cont'd)

D. Optional Features (Cont'd)

3. Central Office Multiplexing (Cont'd)

a. Central Office Multiplexing System Arrangements

1. OC-3 Central Office Multiplexing (OC-3 CO-MUX)

An OC-3 CO-MUX System Arrangement supports the maximum capacity of BCS OC-3 bandwidth with up to: 1) three asynchronous DS-3 signals; or 2) up to three groups of 28 asynchronous DS-1 signals VT-mapped to up to three STS-1 channels. A monthly charge applies to each OC-3 System Arrangement ordered. Lower-speed ports are ordered individually, as follows in 20.3.1(C)(3)(b), depending on the BCS bandwidth available.

2. OC-12 Central Office Multiplexing (OC-12 CO-MUX)[1]

An OC-12 CO-MUX System Arrangement supports the maximum capacity of BCS OC-12 bandwidth with up to: 1) twelve asynchronous DS-3 signals; or 2) up to four OC-3 channels; or 3) up to four OC-3c channels[2]. A monthly charge applies to each OC-12 System Arrangement ordered. Lower-speed ports are ordered individually, as follows in 20.3.2(C)(3)(b), depending on the BCS bandwidth available.

(1) If asynchronous DS-1 signals are to be multiplexed from an OC-12 BCS circuit, an OC-3 CO-MUX System Arrangement with associated DS-1 ports must be ordered in addition to the OC-12 CO-MUX System Arrangement with associated OC-3 port.

(2) If OC-3c circuits are ordered under the OC-12 Central Office Multiplexing Feature, the customer must originate the OC-3c at their premises. The Telephone Company cannot convert individual STS-1 signals to OC-3c channels. In addition, the customer must specify the drop port transport rates for each equivalent STS-1 transported in the BCS circuit. (For example, the customer must specify 12 STS-1s for an OC-12 BCS terminating at the Telephone Company Hub Central Office.) (N)

ACCESS SERVICE

20. Broadband Circuit Service (Cont'd) (N)

20.2 Rate Regulations (Cont'd)

D. Optional Features (Cont'd)

3. Central Office Multiplexing (Cont'd)

b. Central Office Multiplexing Ports

1. OC-3 BCS Central Office Multiplexing Ports

a. DS-1 Port

Converts an OC-3 signal to a maximum of 84 asynchronous DS-1 signals.

b. DS-3 Port

Converts an OC-3 signal to a maximum of three asynchronous DS-3 signals. (N)

ACCESS SERVICE

20. Broadband Circuit Service (Cont'd) (N)

20.2 Rate Regulations (Cont'd)

D. Optional Features (Cont'd)

3. Central Office Multiplexing (Cont'd)

b. Central Office Multiplexing Ports (Cont'd)

2. OC-12 BCS Central Office Multiplexing Ports[1]

a. DS-3 Port

Converts an OC-12 signal to a maximum of twelve asynchronous DS-3 signals.

b. OC-3 Port

Converts an OC-12 signal to a maximum of four OC-3 channels.

c. OC-3c Port[2]

Converts an OC-12 signal to a maximum of four OC-3c channels.

(1) If asynchronous DS-1 signals are to be multiplexed from an OC-12 BCS circuit, an OC-3 CO-MUX System Arrangement with associated DS-1 ports must be ordered in addition to the OC-12 CO-MUX System Arrangement with associated OC-3 port.

(2) If OC-3c circuits are ordered under the OC-12 Central Office Multiplexing Feature, the customer must originate the OC-3c at their premises. The Telephone Company cannot convert individual STS-1 signals to OC-3c channels. In addition, the customer must specify the drop port transport rates for each equivalent STS-1 transported in the BCS circuit. (For example, the customer must specify 12 STS-1s for an OC-12 BCS terminating at the Telephone Company Hub Central Office.) (N)

ACCESS SERVICE

20. Broadband Circuit Service (Cont'd) (N)

20.2 Rate Regulations (Cont'd)

D. Optional Features (Cont'd)

3. Central Office Multiplexing (Cont'd)

b. Central Office Multiplexing Ports (Cont'd):

Where compatible facilities and equipment exist, CO-MUX Ports can interconnect with other compatible Telephone Company provided special access services as supported by the tariff.

E. Monthly Rates

Monthly Rates apply to Channel Termination, Interoffice Mileage and Optional Features.

F. Nonrecurring Charges

Non-recurring charges apply to Channel Termination, Central Office Multiplexing, Equipment Protection, Loop Redundancy, Moves, Service-to-Service Through Connect Arrangements and STS-1 Reconfigurations. Nonrecurring BCS installation charges will not apply to existing similar services, filed under Section 12, Specialized Service or Arrangement, that are converted to BCS.

G. Minimum Billing Periods

The Minimum Billing Period for BCS is one year. In the event BCS is terminated prior to completion of the minimum billing period, termination liabilities as described in 20.2 (J) will apply. (N)

ACCESS SERVICE

20. Broadband Circuit Service (Cont'd) (N)

20.2 Rate Regulations (Cont'd)

H. Term Pricing Plans (TPP)

1. General Description

Term Pricing Plans (TPP) are available on Channel Termination, Interoffice Mileage and Central Office Multiplexing monthly rate elements. The TPP stabilizes rates for BCS for the specified period of time. The following TPPs are available:

- Three Year TPP, or
- Five Year TPP.

2. Modifications

When additional like-speed BCS circuits are purchased, the customer may include the additional circuits in an existing TPP if:

- The customer renegotiates their TPP for a period of time equal or greater than the time remaining on the existing TPP;
- The circuits are the same speed; and
- The circuits are located between the same customer designated premises.

3. Renewals

At the end of a TPP period, the customer must select one of the following options within one month prior to the expiration date:

a. Renew the service for a three or five year TPP as provided in this tariff;
b. Elect to disconnect the service upon expiration of the billing period; or
c. Continue the service on a month-to-month basis at the current one year billing period tariff rates.

All services under an existing TPP that are not renewed within the period stated above will revert to Option 3c above and be billed at the current one year (month-to-month) tariff rates. (N)

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ACCESS SERVICE

20. Broadband Circuit Service (Cont'd) (N)

20.2 Rate Regulations (Cont'd)

H. Term Pricing Plans (TPP) (Cont'd)

4. Conversions

If there is at least one month remaining on an existing 3 year TPP, the customer may convert the service to a higher term TPP without termination liability and, at the time of the access order to convert, retain the service for the period remaining on the higher term TPP. No retroactive TPP discounts will apply prior to the order date.

For example; a customer with an existing 3 Year TPP with 11 months remaining elects to convert to a 5 Year TPP. At the time of the order, the customer will begin paying the 5 year TPP rate for the remaining period of 2 years and 11 months (35 months) on the new TPP.

I. Volume Option

The Volume Option offers rate reductions on two or more BCS circuits purchased under a three or five year TPP. The Volume Option is provided on like-speed BCS circuits ordered under the following conditions:

1. The two or more like-speed BCS circuits are on the same service order whether concatenated or non-concatenated;

2. The two or more BCS circuits are purchased under a three or five year TPP;

3. The two or more BCS circuits are ordered between the same customers designated premises; and (N)

ACCESS SERVICE

20. Broadband Circuit Service (Cont'd) (N)

20.2 Rate Regulations (Cont'd)

I. Volume Option (Cont'd)

4. If the one or more additional like-speed BCS circuits are ordered under the following conditions:

a. The additional circuit(s) accompany at least one or more existing non-discounted like-speed BCS circuit(s) with the same customer premises (end-points) and total at least two BCS circuits,

b. The additional circuit(s) is placed under a TPP billing period that equals or exceeds the highest remaining billing period for one of the existing BCS circuits. (e.g., If one BCS circuit is non-discounted, then a minimum three year TPP must be purchased to qualify for a Volume Option. If an existing BCS circuit has two years and 11 months left on a three year TPP, and another BCS circuit is ordered, then a minimum of a three year TPP is required for the two circuits to qualify for a Volume Option discount); and

c. Termination liabilities will apply for early disconnection of circuits.

In the event the BCS circuits are not "like-speed" (or otherwise vary in speed such as OC-3 compared to OC-12), or vary in circuit termination end-points, a separate Volume Option would be required for the circuits. (N)

ACCESS SERVICE

20. Broadband Circuit Service (Cont'd) (N)

20.2 Rate Regulations (Cont'd)

J. Termination Liability

Termination Liability will apply in the event BCS is terminated prior to the expiration of the billing period. The termination liability will utilize the following termination percentage:

Billing Period	Termination Percentage
1 year	45%
3 year	35%
5 year	25%

The termination liability is calculated as follows:

$$\left[\begin{array}{c}\text{Monthly}\\ \text{Rate}\end{array}\right] \mathbf{X} \left[\begin{array}{c}\text{Months Remaining}\\ \text{in Billing Period}\end{array}\right] \mathbf{X} \left[\begin{array}{c}\text{Termination}\\ \text{Percentage}\end{array}\right]$$

Example: A customer with a $10,000 monthly rate terminates service with 10 months remaining in a 3 year billing period. The termination liability would be calculated as:

($10,000 x 10 mo) x (0.35) = $35,000 Termination Liability.

Under the following conditions, a termination liability will not apply:

1. The customer modifies service as set forth under Moves, (Section 20.2(K) following) as long as the customer maintains the same or greater number of BCS circuits;

2. The customer modifies service as described under Modification of Service, (Section 20.2(L) following); or

3. The customer replaces another special access service with BCS subject to the following criteria:

   a. Both BCS end points must be the same as the existing special access service end points that it replaces;
   b. The Minimum Billing Period for BCS must be greater than or equal to the remaining special access service Billing Period; and
   c. The total Minimum Billing Period revenue for BCS must be greater than or equal to the remaining Billing Period revenue for the special access service. (N)

ACCESS SERVICE

(N)

20. Broadband Circuit Service (Cont'd)

20.2 Rate Regulations (Cont'd)

K. Moves

Moves involve a change in the physical location of one of the following:

- Service facility;
- Point of Termination at the customer's premises; or
- Customer's premises.

Move charges are dependent upon the type of move requested by the customer.

1. Service Facility Move (SFM)

A Service Facility Move is a customer-initiated move of one end of a Telephone Company Central Office distribution link (e.g., jumper cable, DSX patch cable, etc.) from one facility to another existing facility of the same or higher transmission speed. All activity associated with the SFM must occur within a single Telephone Company Hub Central Office. Rates for SFMs are one-time, nonrecurring charges.

In order to be considered a SFM, all associated order activity (disconnects and new connects) must occur simultaneously and the facility to which service is being moved must exist and have sufficient capacity to accept the moved service. A SFM may result in the change of one end point (e.g. customer premises location) of the circuit involved provided the following conditions are met:

(N)

ACCESS SERVICE

20. Broadband Circuit Service (Cont'd)

(N)

20.2 Rate Regulations (Cont'd)

K. Moves (Cont'd)

1. Service Facility Move (SFM) (Cont'd)

a. The change of customer premises can only occur on the end of the circuit which has the Connecting Facility Arrangement (CFA); and

b. The customer premises locations involved in the change belongs to the same customer,

OR

c. The customer premises locations involved in the change belongs to two different customers, but the customer requesting the SFM has previously coordinated the activity such that all activity (disconnects and new connects) will occur simultaneously. If this coordination has not been accomplished beforehand, then the Telephone Company will proceed with the disconnect/new connect orders as non-related and new installation charges will apply for services being relocated.

BCS SFMs may be performed at the following like-speed and interface service levels:

- OC-3 to OC-3 level;
- OC-3c to OC-3c level;
- OC-12 to OC-12 level; or
- OC-12c to OC-12c level.

(N)

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ACCESS SERVICE

20. Broadband Circuit Service (Cont'd) (N)

20.2 Rate Regulations (Cont'd)

K. Moves (Cont'd)

1. Service Facility Move (SFM) (Cont'd)

The following are examples of when BCS SFM Charges would apply:

a. Rearranging an existing BCS circuit from one port to another port in the same Telephone Company Hub Central Office multiplexer;

b. Rearranging an existing BCS circuit from one multiplexer to another multiplexer in the same serving wire center; or

c. Rearranging an existing BCS Channel Termination (CT) to a port of an existing multiplexed higher speed service in the same serving wire center. For example: an OC-3 BCS CT is terminated on low-speed port of a Telephone Company Hub Central Office multiplexer; whereby the Hub is billed to the higher speed service, such as an OC-12 BCS. In this instance, there is an SFM charge for moving the CT from another multiplexer within the Central Office to this one. No SFM charge will apply to subtending services of the service incurring the SFM as long as there is no change to the subtending services.

2. Moves of Point of Termination

A move of a Point of Termination of an existing service to a new location within the same customer premises may be provided, at the customer's request, on a time sensitive basis. Rates and charges as set forth in Section 13, preceding, will apply. No change in billing period is required. (N)

ACCESS SERVICE

20. Broadband Circuit Service (Cont'd) (N)

20.2 Rate Regulations (Cont'd)

K. Moves (Cont'd)

3. Moving Customer Premises

A move of existing service may be provided at the customer's request. The customer will be billed 5% of the normal BCS termination charge. Following the payment of applicable termination charges, customer will be responsible for any non-recurring charges associated with the reconnection of the service (e.g., BCS CT Installation Charge).

In the event a change involves a physical move of the point of termination at the customer's premises or a move of the customer's premises, a "Move" charge will apply. If the move of the customer's premises is as a result of an SFM, stated earlier, and the facility to the new premises is existing, then termination charges will not apply. No non-recurring charges will apply for that end of the channel or circuit except the applicable SFM charge.

One end of a BCS circuit (e.g., the customer premises) may be moved without termination liability provided the following circumstances exist:

a. Customer maintains the same level and commitment of service (e.g., quantity of like-speed and interface BCS circuits and billing period length.)
b. All equipment and transport facilities exist at the new location.

Charges for this one-ended move shall be on a time sensitive charge basis. The rates and charges that are set forth in Section 13, preceding will apply.

The following diagrams illustrate typical service arrangements before and after an SFM has occurred. (N)

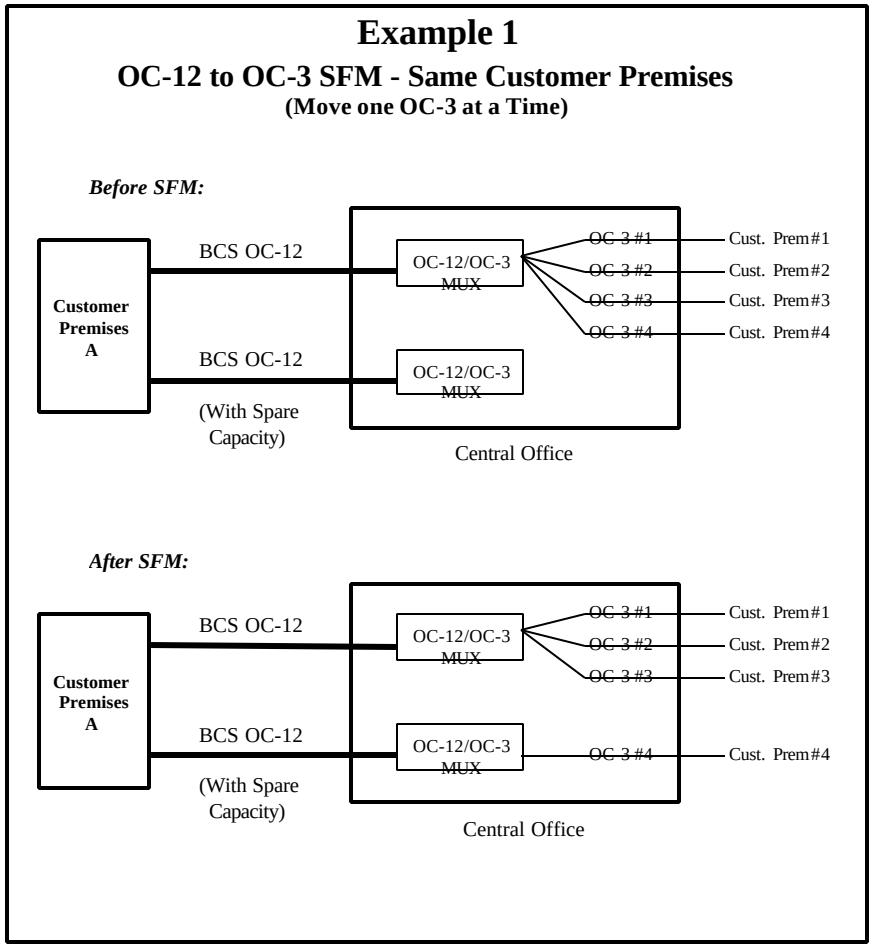
ACCESS SERVICE

20. Broadband Circuit Service (Cont'd)

20.2 Rate Regulations (Cont'd)

K. Moves (Cont'd)

(N)



(N)

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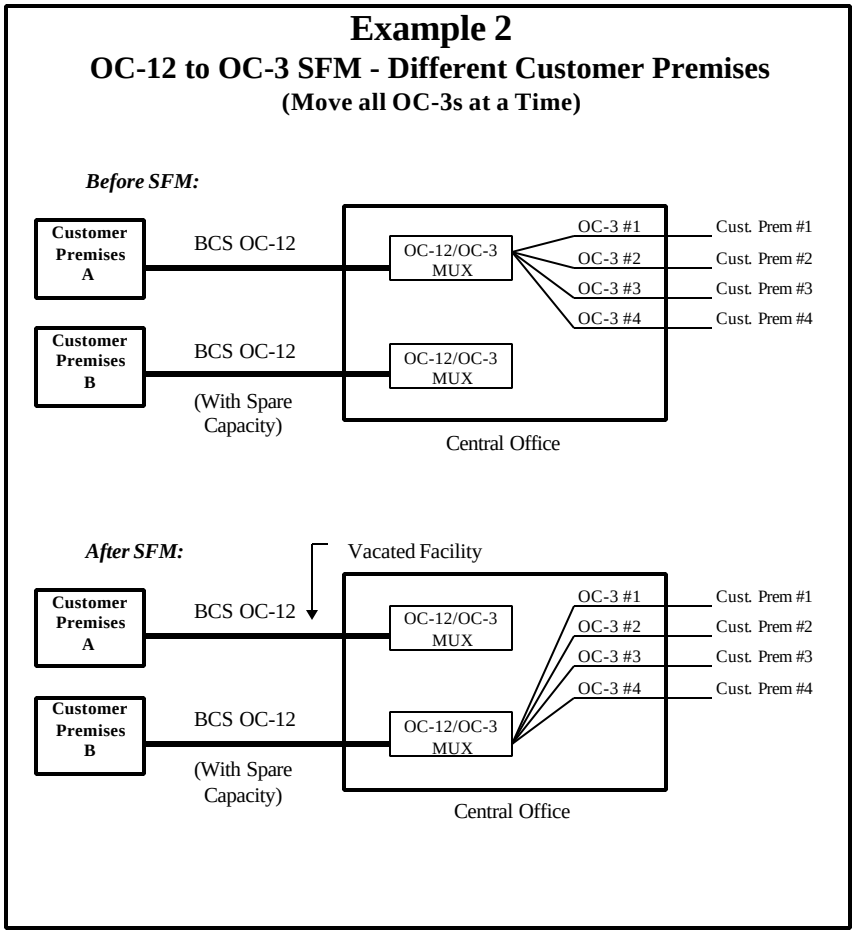
ACCESS SERVICE

20. Broadband Circuit Service (Cont'd) (N)

20.1 Rate Regulations (Cont'd)

K. Moves (Cont'd)



(N)

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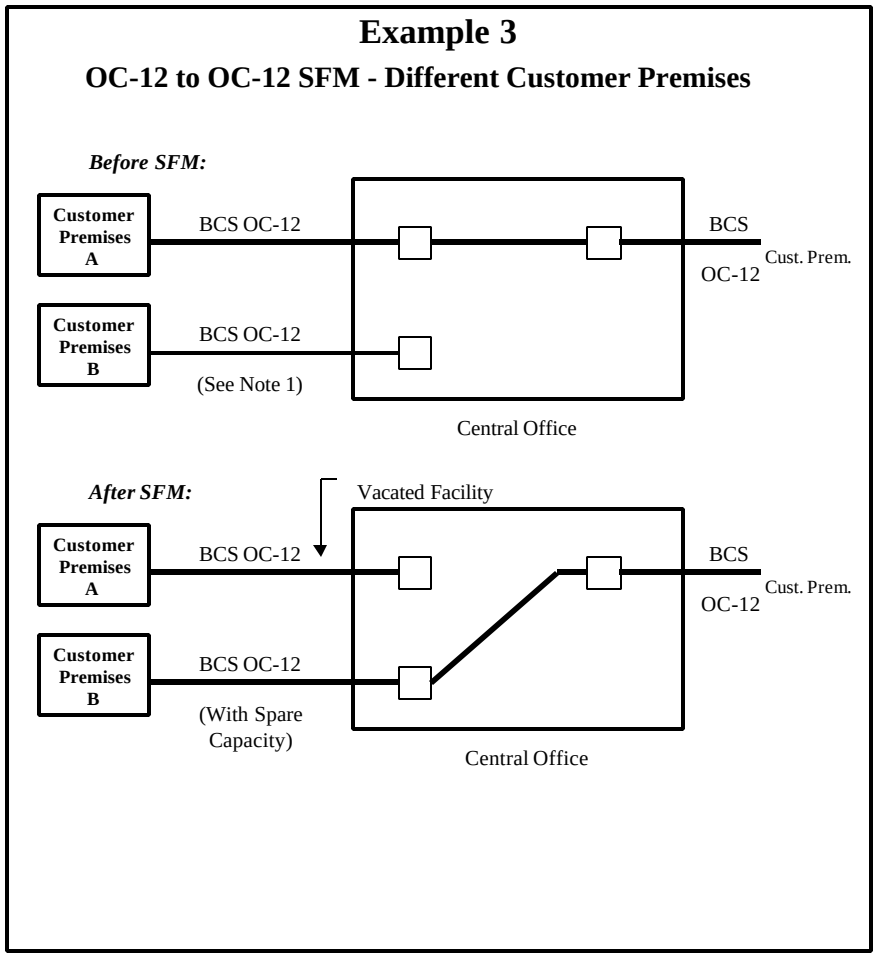
ACCESS SERVICE

20. Broadband Circuit Service (Cont'd) (N)

20.2 Rate Regulations (Cont'd)

K. Moves (Cont'd)



(N)

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ACCESS SERVICE

20. Broadband Circuit Service (Cont'd) (N)

20.2 Rate Regulations (Cont'd)

L. Modification of Service

The customer may request to modify BCS (i.e., establish a new billing period, add rate elements to existing service, a change in existing multiplexing port configuration, or change an existing STS-1 configuration) provided the service end points remain the same, and there are existing facilities and equipment in place to provision the requested modification.

Modification of Service are changes to existing services which do not result in either a change in the physical point of termination at the customer's premises, or the customer's end-user premises. Under Modification of Service, all BCS rate element terms and conditions apply, including the applicable recurring and nonrecurring charges as set forth under the minimum billing period or Term Pricing Plan as the existing BCS service being modified.

1. Establishing New Billing Period: When a new billing period is requested, the following conditions must be met:

   a) A new billing period is established which includes a new minimum service period (i.e., one year minimum);

   b) The expiration of the new billing period must extend to or beyond the expiration of the existing billing period;

   c) The total revenue, based on recurring rates, over the revised billing period must be equal to or greater than the remaining revenue from the existing billing period;

   d) The service end points must remain the same.

2. Port Modification Charge: On non-concentrated OC3 or OC12 BCS circuits configured between a customer designated premises and a Telephone Company Hub Central Office, a port modification charge (recurring and nonrecurring) would apply under the following conditions:

   a) A customer modifies an existing multiplexing port configuration that requires the disconnection of one existing port and the installation of a replacement port at the same speed, (e.g., a request to replace an OC-3c port with an OC-3 port on an OC-12 BCS). (N)

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ACCESS SERVICE

20. Broadband Circuit Service (Cont'd) (N)

20.2 Rate Regulations (Cont'd)

L. Modification of Service (Cont'd)

2. Port Modification Charge (Cont'd)

b. A customer modifies an existing multiplexing port configuration that requires the disconnection of one or more existing ports and the installation of one or more different ports that do not exceed the aggregate bandwidth of the disconnected port, (e.g., a request to replace three DS3 ports with an OC-3 port on an OC-12 BCS).

c. A customer orders an additional port for an existing multiplexing configuration, which does not result in the disconnection of existing multiplexing ports.

3. STS-1 Channel Reconfiguration Charge: On non-concatenated OC12 BCS circuits configured as:

- Premises-to-Premises,

Or

- Premises-to-Hub that interconnect with another like-speed OC12 BCS circuit using a Service-to-Service Through Connect Arrangement,

A customer may change the Synchronous Transport Signal-1 (STS-1) configuration on their existing non-concatenated BCS circuit to permit the transmission of lower speed concatenated signals through the Telephone Company network (i.e., STS-3c). This charge does not apply to OC3, OC3c or OC12c BCS circuits configured as premises-to-premises or (if applicable) premise-to-hub when the Central Office Multiplexing feature is involved. The STS-1 Reconfiguration Charge does not apply as well to OC12 circuits configured as premise-to-hub with the Central Office Multiplexing feature.

This charge is a non-recurring charge, to be applied on a per circuit, per service order change basis. When reconfiguring the STS-1s of an OC12 circuit, there will be a service disruption of that circuit when the channels are reconfigured. Any available service level guarantees will not be applied during this outage. If the customer wishes to revert back to their original STS-1 configuration, a separate STS-1 Channel Reconfiguration Charge will apply. The following are examples where the STS-1 Channel Reconfiguration Charge applies: (N)

ACCESS SERVICE

20. Broadband Circuit Service (Cont'd) (N)

20.2 Rate Regulations (Cont'd)

L. Modification of Service (Cont'd)

3. STS-1 Channel Reconfiguration Charge (Cont'd)

Example 1: A premise-to-premise OC12 BCS is ordered where the customer requests a configuration as twelve individual STS-1s with no request to concatenate STS-1s within that bandwidth (or group them together as contiguous STS-1s.) Six months later, the customer requests their existing OC12 BCS to utilize three STS-1 channels for transmission of concatenated STS-3c leaving nine STS-1 channels and one STS-3c channel. This customer-initiated change requires a separate order, which specifies the Connecting Facility Assignment (CFA), in which STS-1s are to be made contiguous within the OC12 BCS. This concatenated bandwidth will be identified with a circuit identification and a design layout report will be issued to the customer verifying the time slots used. To process this request, an STS-1 Channel Reconfiguration Charge will apply per circuit.

Example 2: If Example 1 above is reversed, whereby the customer requests their existing premise-to-premise, non-concatenated OC12 BCS to be configured as twelve STS-1 channels instead of one STS-3c and nine STS-1 channels, an STS-1 Channel Reconfiguration Charge will also apply per circuit.

Example 3: A premise-to-hub OC12 BCS circuit is ordered to be interconnected via a Service-to-Service Through Connect Arrangement to another premise-to-hub OC12 BCS circuit. As in Example 1, the customer requests a configuration as twelve individual STS-1s with no request to concatenate STS-1s within that bandwidth (or group them together as contiguous STS-1s.) Six months later, the customer requests their existing OC12 BCS circuits (both of them) to utilize three STS-1 channels for transmission of concatenated STS-3c leaving nine STS-1 channels and one STS-3c channel. This customer-initiated change requires a separate order, which specifies the Connecting Facility Assignment (CFA), in which STS-1s are to be made contiguous within each of the two OC12 BCS circuits. This concatenated bandwidth will be identified with a circuit identification and a design layout report will be issued to the customer verifying the time slots used. To process this request, an STS-1 Channel Reconfiguration Charge will apply per BCS circuit. In this example there are two BCS circuits, therefore, two charges would apply. (N)

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20. Broadband Circuit Service (Cont'd) (N)

20.2 Rate Regulations (Cont'd)

L. Modification of Service (Cont'd)

3. STS-1 Channel Reconfiguration Charge (Cont'd)

Example 4: If Example 3 above is reversed, whereby the customer requests their existing premise-to-hub, non-concatenated OC12 BCS to be configured as twelve STS-1 channels instead of one STS-3c and nine STS-1 channels, an STS-1 Channel Reconfiguration Charge will also apply per BCS circuit. The other through-connected BCS circuit would also require the same STS-1 configuration. In this example there are two BCS circuits, therefore, two charges would apply.

M. Shared Use

Shared Use is the provision of Switched Access and BCS over the same transmission path through the use of a common interface. Shared Use will only be available with BCS provided from a customer designated premises to a Telephone Company Hub Central Office. Regulations for shared use facilities are established in Sections 5.2.7, 6.7.12, and 7.2.7 preceding. Ordering provisions for shared use facilities are set forth in Section 5.2.7 (Shared Use) preceding.

Existing BCS facilities can be converted to shared use facilities by activating a portion of available capacity for Switched Access. While the customer may designate any percentage of BCS for Shared Use, credit will only be applied up to 50% of the voice-grade equivalent capacity provided in conjunction with BCS. Any charges associated with BCS Optional Features will be rated as 100% BCS. Services provided over shared use facilities are ordered, provided and rated either as Switched Access (i.e., Entrance Facility, Direct-Trunked Transport, Tandem-Switched Transport and Multiplexing) or as BCS (i.e. Channel Termination, Interoffice Mileage and Central Office Multiplexing) as set forth following:

1. On shared use facilities, the customer for the Switched Access Service may be different from the customer for the BCS. When the Switched Access customer is not the same as the BCS customer, all BCS charges and Switched Transport charges (including Switched Transport features charges) will be billed to the customer who initially ordered the facility. All other Switched Access charges will be separately billed to the customer who ordered the Switched Access Service; (N)

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ACCESS SERVICE

20. Broadband Circuit Service (Cont'd)

(N)

20.2 Rate Regulations (Cont'd)

M. Shared Use (Cont'd)

2. When an existing BCS facility is converted to a shared use facility by using an available portion of the capacity for Switched Access Service, the applicable nonrecurring charges (including the Access Order Charge) will be the nonrecurring charges associated with the Switched Access service being ordered;

3. The customer must place an order for each individual Switched Access Service or BCS utilizing the shared use facility and must also specify the channel assignment for each service;

4. All channels within a shared use facility will be rated and billed as set forth in the following:

a. When a DS-3 facility is ordered and provisioned as a Switched Access, all channels, including spares, will be rated and billed as Switched Access. A DS-3 facility is the minimum capacity that shared use can be applied to a BCS circuit.

b. When a DS-3 facility is ordered and provisioned as a Special Access High Capacity Service, all channels, including spares, will be rated and billed as Special Access until such time as DS-3 facility becomes shared use. A DS-3 facility is the minimum capacity that shared use can be applied to a BCS circuit.

c. Once a DS-3 facility, ordered as either Switched or Special Access, becomes shared use, all spare channels on the DS-3 facility will be rated and billed as Switched Access.

d. On a BCS shared use facility, ordered either as Switched Access or BCS Special Access, the designated Switched Access channels on the BCS facility must total the active and spare channels on each DS-3 facility (must total 28 DS-1 or 672 voice-grade equivalents.) The following is an example where Switched Access would be placed on a BCS OC-3 facility:

(N)

ACCESS SERVICE

20. Broadband Circuit Service (Cont'd) (N)

20.2 Rate Regulations (Cont'd)

M. Shared Use (Cont'd)

4. (Cont'd)

d. (Cont'd)

Example: A DS-3 channel within a BCS OC-3 facility is to be activated for shared use. The DS-3 channel contains 28 DS-1 channels and will be configured for 20 active and 8 spare channels (or 480 active and 192 spare voice-grade equivalent channels.) The DS-3 facility is considered 100% Switched Access and the shared use BCS OC-3 facility is prorated by one DS-3 channel or 28 DS-1 channels. This example is prorated as follows:

{ 1 DS-3 / 3 DS-3s available per OC-3 BCS }.

Conversion to voice-grade level is calculated as follows: {672 voice grade equivalents per DS-3/2016 voice grade equivalents per OC-3 BCS}.

If 6 of the 20 active DS-1 channels stated above are disconnected and become spare, the DS-3 facility will continue to be considered as 100% Switched Access, and be prorated as stated above.

If multiplexing is associated with the shared use facility, the monthly recurring rate for the Switched Access multiplexer would be prorated in the same manner as the Entrance Facility and Channel Termination. No DS-1 to DS0 multiplexing is available with BCS as this feature is available under existing DS-1 service tariffs.

e. Channels being used in conjunction with CCS/SS7 Interconnection Service are included in the channel counts for Switched Access.

5. Customers requesting Service Facility Moves (SFM) of shared use facilities will be assessed nonrecurring charges as specified in Section 20.2(K)(1) (Service Facility Moves) preceding. (N)

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ACCESS SERVICE

20. Broadband Circuit Service (Cont'd) (N)

20.2 Rate Regulations (Cont'd)

N. Jointly Provided Service

Jointly Provided Service is an arrangement in which one end of a BCS circuit is located in one exchange telephone company operating territory and the other end of the service is located in another exchange telephone company operating territory. Jointly Provided Service and associated billing arrangements are described in Section 2.4.8, preceding.

Jointly Provided Service is also referred to as "meet-point-billing arrangements." These arrangements are not currently available with Broadband Circuit Service.

O. Conversions of Existing Similar Services Filed As Specialized Services or Arrangements to the BCS General Tariff Offering

The conversion of services, that are similar in description to BCS, to the general BCS tariff offering applies only to those purchased on an Individual Case Basis and currently filed under Section 12, Specialized Service or Arrangement. Within 60 days following the effective date of this tariff, the customer is required to either convert to the general tariff offering or terminate any existing service as filed under Section 12. If the customer chooses to convert to the general tariff offering, the customer will convert to a billing period that is equal to or greater than the period remaining on their existing service, but not less than the minimum billing period of one year, and be charged the applicable recurring rates for that period as shown in Section 20.3 following. Termination charges and nonrecurring BCS installation charges will not apply if the customer chooses to convert their service, filed under Section 12, to the general tariff offering.

P. Ordering Options and Conditions

BCS is ordered under the Access Order provisions set forth in Section 5 (Ordering for Access Service) preceding. Also included in Section 5 are the other charges which may be associated with ordering BCS(e.g., Service Date Change Charges, Cancellation Charges, etc). (N)

ACCESS SERVICE

20. Broadband Circuit Service (Cont'd)

20.2 Rate Regulations (Cont'd)

Q. Collocation Transport (N)

Collocation Transport provides for the transmission facilities between collocation arrangements located in Telephone Company Central Offices.

There are two components of Collocation Transport.

(1) Inter/Intra Office Fixed

Inter/Intra office fixed rate element provides for the electronic equipment required to terminate a channel between two collocation arrangements located either in the same central office (intra) or in two separate central offices (inter).

When the Intra Office Fixed channel is ordered between two collocation arrangements that are for the same collocator, it will be provisioned as a temporary arrangement and will be in service until the collocator's own facilities are installed, not to exceed 150 days. There is no additional charge to disconnect these temporary facilities.

(2) Inter Office Per Mile

The Per Mile charge provides for the electronic equipment and facilities necessary to provide the interoffice transport between two collocation arrangements. (N)

ACCESS SERVICE

20. Broadband Circuit Service (Cont'd) (N)

20.3 Rates and Charges

20.3.1 OC-3

(A) Channel Termination

– per BCS Circuit, per Customer Premises

Volume Option	USOC	Monthly Rate 1 year	Monthly Rate 3 year	Monthly Rate 5 year	Nonrecurring Charges 1 year	Nonrecurring Charges 3 year	Nonrecurring Charges 5 year
	T6XB+	$4,200	$2,930	$1,895	$3,000	$1,500	$0
2 plus	T6XE+	n/a	$2,635	$1,670	n/a	$1,500	$0

(N)

ACCESS SERVICE

20. Broadband Circuit Service (Cont'd)

20.3 Rates and Charges (Cont'd)

20.3.1 OC-3 (Cont'd)

(B) Mileage

– per BCS Circuit

(1) Fixed

	Monthly Rate			Nonrecurring Charges		
USOC	1 year	3 year	5 year	1 year	3 year	5 year
1HYB+	$2,200	$1,950	$1,900	$0	$0	$0

(2) Per Mile

	Monthly Rate			Nonrecurring Charges		
USOC	1 year	3 year	5 year	1 year	3 year	5 year
1HYB+	$193	$154	$110	$0	$0	$0

(N)

(N)

ACCESS SERVICE

20. Broadband Circuit Service (Cont'd) (N)

20.2 Rates and Charges (Cont'd)

20.3.1 OC-3 (Cont'd)

(C) Optional Features

(1) Equipment Protection

- Per Channel Termination, per Customer Premises

	Monthly Rate			Nonrecurring Charges		
USOC	1 year	3 year	5 year	1 year	3 year	5 year
APPB+	$195	$195	$195	$300	$150	$0

(2) Loop Redundancy

- Per Channel Termination, per Customer Premises

	Monthly Rate			Nonrecurring Charges		
USOC	1 year	3 year	5 year	1 year	3 year	5 year
DVDL+	$390	$390	$390	$600	$300	$0

(N)

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ACCESS SERVICE

20. Broadband Circuit Service (Cont'd) (N)

20.3 Rates and Charges (Cont'd)

20.3.1 OC-3 (Cont'd)

(C) Optional Features (Cont'd)

(3) Central Office Multiplexing

(a) Central Office Multiplexing System Arrangement

- Per OC-3 System Arrangement

	Monthly Rate			Nonrecurring Charges		
USOC	1 year	3 year	5 year	1 year	3 year	5 year
MXNB+	$1,800	$1,200	$950	$600	$300	$0

(N)

ACCESS SERVICE

20. Broadband Circuit Service (Cont'd) (N)

20.3 Rates and Charges (Cont'd)

20.3.1 OC-3 (Cont'd)

(C) Optional Features (Cont'd)

(3) Central Office Multiplexing (Cont'd)

(b) Central Office Multiplexing Ports

- Per Port

(1) DS-1 Port

		Monthly Rate			Nonrecurring Charges		
	USOC	1 year	3 year	5 year	1 year	3 year	5 year
Initial Order:	PYVP+	$60	$60	$60	$300	$150	$ 0
Modification:	NRMB+	$60	$60	$60	$300	$150	$150

(2) DS-3 Port

		Monthly Rate			Nonrecurring Charges		
	USOC	1 year	3 year	5 year	1 year	3 year	5 year
Initial Order:	PYVP+	$150	$150	$150	$600	$300	$ 0
Modification:	NRMB+	$150	$150	$150	$600	$300	$300

(N)

ACCESS SERVICE

20. Broadband Circuit Service (Cont'd) (N)

20.3 Rates and Charges (Cont'd)

20.3.1 OC-3 (Cont'd)

(D) Service-to-Service Through Connect Arrangement (OC-3)

	Monthly Rate			Nonrecurring Charges		
USOC	1 year	3 year	5 year	1 year	3 year	5 year
THA	$0	$0	$0	$300	$300	$300

(E) Moves (OC-3)

(1) Service Facility Move

	Monthly Rate			Nonrecurring Charges		
USOC	1 year	3 year	5 year	1 year	3 year	5 year
NRMBS	$0	$0	$0	$650	$650	$650

(2) Moves of Point of Termination

See Section 13, preceding for rates and charges.

(3) Moving Customer Premises

See Section 13, preceding for rates and charges. (N)

ACCESS SERVICE

20. Broadband Circuit Service (Cont'd)

20.3 Rates and Charges (Cont'd)

20.3.1 OC-3 (Cont'd)

(F) Collocation Transport (N)

		Monthly Rate		Nonrecurring
	USOC	Fixed	Per Mile	Charges
BCS Circuit (1HYB+)				
		$2,200	$193	$3,000

(N)

ACCESS SERVICE

20. Broadband Circuit Service (Cont'd) (N)

20.1 Rates and Charges

20.3.2 OC-12

(A) Channel Termination

– per BCS Circuit, per Customer Premises

Volume Option	USOC	Monthly Rate 1 year	3 year	5 year	Nonrecurring Charges 1 year	3 year	5 year
	T6XB+	$9,900	$8,460	$5,445	$5,000	$2,500	$0
2 plus	T6XE+	n/a	$7,610	$4,320	n/a	$2,500	$0

(N)

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ACCESS SERVICE

20. Broadband Circuit Service (Cont'd)) (N)

20.3 Rates and Charges (Cont'd)

20.3.2 OC-12 (Cont'd)

(B) Mileage

– per BCS Circuit

(1) Fixed

	Monthly Rate			Nonrecurring Charges		
USOC	1 year	3 year	5 year	1 year	3 year	5 year
1HYB+	$7,100	$6,500	$5,800	$0	$0	$0

(2) Per Mile

	Monthly Rate			Nonrecurring Charges		
USOC	1 year	3 year	5 year	1 year	3 year	5 year
1HYB+	$330	$275	$200	$0	$0	$0

(N)

ACCESS SERVICE

20. Broadband Circuit Service (Cont'd) (N)

20.3 Rates and Charges (Cont'd)

20.3.2 OC-12 (Cont'd)

(C) Optional Features

(1) Equipment Protection

- Per Channel Termination, per Customer Premises

	Monthly Rate			Nonrecurring Charges		
USOC	1 year	3 year	5 year	1 year	3 year	5 year
APPB+	$300	$300	$300	$360	$180	$0

(2) Loop Redundancy
Per Channel Termination, per Customer Premises

	Monthly Rate			Nonrecurring Charges		
USOC	1 year	3 year	5 year	1 year	3 year	5 year
DVDL+	$590	$590	$590	$720	$360	$0

(N)

ACCESS SERVICE

20. Broadband Circuit Service (Cont'd) (N)

20.3 Rates and Charges (Cont'd)

20.3.2 OC-12 (Cont'd)

(C) Optional Features (Cont'd)

(3) Central Office Multiplexing

(a) Central Office Multiplexing System Arrangement

- Per OC-12 System Arrangement

	Monthly Rate			Nonrecurring Charges			
USOC	1 year	3 year	5 year	1 year	3 year	5 year	
MXNB+	$3,750	$2,500	$1,900	$1,000	$500	$0	(N)

ACCESS SERVICE

20. Broadband Circuit Service (Cont'd) (N)

20.3 Rates and Charges (Cont'd)

20.3.2 OC-12 (Cont'd)

(C) Optional Features (Cont'd)

(3) Central Office Multiplexing (Cont'd)

(b) Central Office Multiplexing Ports

- Per Port

(1) DS3 Port

		Monthly Rate			Nonrecurring Charges		
	USOC	1 year	3 year	5 year	1 year	3 year	5 year
Initial Order:	PYVP+	$150	$150	$150	$600	$300	$ 0
Modification:	NRMB+	$150	$150	$150	$600	$300	$300

(2) OC-3 Port

		Monthly Rate			Nonrecurring Charges		
	USOC	1 year	3 year	5 year	1 year	3 year	5 year
Initial Order:	PYVP+	$180	$180	$180	$600	$300	$ 0
Modification:	NRMB+	$180	$180	$180	$600	$300	$300

(3) OC-3c Port

		Monthly Rate			Nonrecurring Charges		
	USOC	1 year	3 year	5 year	1 year	3 year	5 year
Initial Order:	PYVP+	$180	$180	$180	$600	$300	$ 0
Modification:	NRMB+	$180	$180	$180	$600	$300	$300

(N)

ACCESS SERVICE

20. Broadband Circuit Service (Cont'd) (N)

20.3 Rates and Charges (Cont'd)

20.3.2 OC-12 (Cont'd)

(D) Service-to-Service Through Connect Arrangement (OC-12)

	Monthly Rate			Nonrecurring Charges		
USOC	1 year	3 year	5 year	1 year	3 year	5 year
THA	$0	$0	$0	$300	$300	$300

(E) Moves

(1) Service Facility Move (OC-12)

	Monthly Rate			Nonrecurring Charges		
USOC	1 year	3 year	5 year	1 year	3 year	5 year
NRMBS	$0	$0	$0	$650	$650	$650

(2) Moves of Point of Termination

See Section 13, preceding for rates and charges.

(3) Moving Customer Premises

See Section 13, preceding for rates and charges.

(F) STS-1 Channel Reconfiguration Charge

	Monthly Rate			Nonrecurring Charges		
USOC	1 year	3 year	5 year	1 year	3 year	5 year
NRMBF	$0	$0	$0	$600	$600	$600 (N)

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ACCESS SERVICE

20. Broadband Circuit Service (Cont'd)

20.3 Rates and Charges (Cont'd)

20.3.2 OC-12 (Cont'd)

(G) Collocation Transport (N)

		Monthly Rate		Nonrecurring
	USOC	Fixed	Per Mile	Charges
BCS Circuit (1HYB+)				
		$7,100	$330	$5,000

(N)

ACCESS SERVICE

ACCESS SERVICE

21. Internet Transport Access Service (ITAS) (N)

21.1 Service Description

Internet Transport Access Service (ITAS) is a switched based, data transport service that aggregates and hands off traffic using a one way data connection to the customer. The customer is defined as an entity providing dial access service via a data switch. ITAS will support calls from analog modem users or ISDN Basic Rate Interface (BRI) lines. ITAS is provisioned through the use of end office (EO) switching, and transport from the Telephone Company's EO. Dial-Up user data is transmitted to the customer via dedicated EO port groups. Routing of end user traffic to the customer's data switch requires Signaling System 7 (SS7) call setup. The customer may purchase SS7 access from Section 6 (Switched Access Service). The customer must also purchase a Direct Trunked Transport (DTT) and an Entrance Facility separately from Section 6 (Switched Access Service). In addition, the customer may need to purchase multiplexing from Section 6 (Switched Access Service). Customers who require physical or virtual collocation must purchase interconnection cross connects from Section 16 (Expanded Interconnection Service).

ITAS is available in Telephone Company central offices (CO) that support 64 kbp clear channel capability (CCC). These locations are listed in the National Exchange Carrier Association, Inc. (NECA) Tariff F.C.C. No.4.

21.2 Service Components

ITAS consists of the following service components as described below.

A. Telephone Numbers

ITAS is accessed by end users dialing telephone numbers dedicated to the customer's service and within their designated calling scope. All telephone numbers will be routed to Telephone Company provided dedicated switch ports. There will be a minimum of one telephone number per connected EO.

B. Access Port Groups

Allows end users, located within a specific local exchange area, dial access to the customer. The access port consists of local switching, and a dedicated EO switch port to the customer and will be provisioned with Telephone Company Provided Telephone Numbers (TPTN). A maximum of three trunk groups will be allowed to be provisioned against any one port group. Telephone numbers may be purchased from Section 21.5 (Rates and Charges).

When the traffic for an end user exceeds the capacity for a DS1 to any given end office, the Telephone Company reserves the right to require the customer to connect directly to the EO identified by the Telephone Company. If the customer refuses to connect to the identified EO the customer will be given a thirty day written notice to connect to the identified EO. If at the end of the thirty days the customer has not connected to the identified EO its ITAS will be terminated. (N)

ACCESS SERVICE

21. Internet Transport Access Service (ITAS) (Cont'd) (N)

21.3 Regulations

ITAS is subject to the General Regulations and Ordering Options for access service as specified in Sections 2 and 5, respectively. In addition, the following apply:

A. ITAS only supports one way data applications to the customer.

B. Provisioning of this service is subject to the availability and operational limitations of the Telephone Company's equipment and associated facilities.

C. The customer is responsible for the installation, operation and maintenance of any and all customer provided equipment (CPE) including terminal equipment, communication system and software. The CPE must be compatible with the Telephone Company's equipment and facilities. The CPE must conform to industry standards and specifications set forth in the Telephone Company's technical publication (TP) 76642.

D. Toll charges will apply if the call is originated outside of the customer's subscribed calling area.

E. The Telephone Company reserves the right to monitor its network at all times to ensure its proper use. If the Telephone Company determines that the service is being used for non-data applications, the customer will be given thirty days written notification to discontinue the unauthorized use. Failure to do so will result in the customer's ITAS being disconnected. During the thirty days the customer will be given the option to purchase an applicable switched access product.

F. Any CPE must not:

1. Endanger the safety of the Telephone Company's employees or the public;
2. Damage, harm, require change in or alteration of the equipment or other services of the Telephone Company; or
3. Interfere with the proper operation of the Telephone Company's equipment.

Upon notice from the Telephone Company that the equipment provided by the customer or end user is causing, or is likely to cause, such hazard or interference, the customer shall take such steps as shall be necessary to remove or prevent such hazard or interference. (N)

ACCESS SERVICE

21. Internet Transport Access Service (ITAS) (Cont'd) (N)

21.4 Rate Applications

A. Rate Elements

1. Internet Transport Access Port

The Internet Transport Access Port rate element is provided on a flat rate, monthly basis. Term discounts are available as shown in Section 21.5 (Rates and Charges).

2. Nonrecurring Charge

A Nonrecurring charge will apply for the installation of service associated with the Internet Transport Access Port rate element.

3. Telephone Numbers

The Telephone Number rate element is provided on a monthly basis per telephone number. There are no nonrecurring charges associated with the purchase of telephone numbers. The charge is described in Section 21.5 (Rates and Charges).

B. Term Pricing Plan (TPP)

1. Length of Agreements

ITAS Term Pricing Plans (TPPs) are available for the 1-year, 3-year, or 5-year service plan period.

2. Minimum Port Groups

A customer must subscribe to a minimum of one port group per Telephone Company EO. A port group is comprised of 24 ports (DS1).

3. Additional Port Groups

Port groups may be added to an existing contract and may be coterminous with the existing contract. Any port groups that remain in service for less than one year will incur a nonrecurring installation charge as described in Section 21.5 (A)(1)(Rates and Charges). A customer may not reduce the number of ports during the service period.

4. Service Expiration

The customer must provide the Telephone Company with written notice of intent to renew or terminate their ITAS service no later than 90 days prior to the expiration of the original service period.

If the customer elects not to renew its ITAS service or does not notify the Telephone Company of its intent to terminate, the customer's service will automatically be billed under the tariffed month to month rates currently in effect. (N)

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ACCESS SERVICE

21. Internet Transport Access Service (ITAS) (Cont'd) (N)

21.4 Rate Applications (Cont'd)

B. Term Pricing Plan (TPP) (Cont'd)

5. Termination Charges

If the customer terminates service after customer confirmation of order acceptance, but prior to the implementation date, the termination charge shall be determined as follows:

- The Telephone Company's recurring and nonrecurring costs of labor, engineering, non-reusable materials, interest, transportation, storage, manufacturer's cancellation charges and any other costs incurred by the Telephone Company or its affiliates, including those expenses incurred in preparation for start of installation and any reasonable costs incurred by the Telephone Company with respect to the provision of the service. (N)

ACCESS SERVICE

21. Internet Transport Access Service (ITAS) (Cont'd) (N)

21.4 Rate Applications (Cont'd)

B. Term Pricing Plan (TPP) (Cont'd)

5. Termination Charges (Cont'd)

If service is terminated by the customer after the implementation date and after the effective date, the termination charge shall be the lesser of:

- The difference between the rates and charges for the completed months of the service term at the time of termination and the rates and charges for the next lower service term (1) that the customer has actually completed, plus interest charges based on the approved discount rate in effect at the time of termination; or

- The present value of the monthly payments remaining on the service term, using the approved discount rate in effect at the time of termination.

Payment of the termination charges does not release the customer from other previous amounts owed to the Telephone Company for services actually received.

6. Moves to a New Location

A customer with an existing TPP may move the existing service to a new location within the LATA, or move and change ITAS to another Telephone Company service without incurring termination charges provided all of the following conditions are met:

- The new service is provided solely by the Telephone Company,
- The new service maintains the existing Initial Service Period at the new location or establishes a new Initial Service Period equal to or greater than the Original Initial Service Period at the old location,
- The customer's request for disconnect of the existing service and the request for new service are received at the same time,
- The customer's disconnect order for the existing services references the new connect order for the new service,
- The due date of the new connect order must be within 120 days of the due date of the disconnect order, and
- For other Telephone Company services, the total monthly rate of the new service is equal to or greater than the total monthly rate of the existing service being discontinued.

Any moves to a location outside of the LATA will be treated as termination of service and all termination charges will apply. (N)

(1) If the service is terminated before the completion of the least available term the calculation is based on month to month rates and applicable nonrecurring charges.

ACCESS SERVICE

21. Internet Transport Access Service (ITAS) (Cont'd) (N)

21.5 Rates and Charges

A. Internet Transport Access Port

1. Month to Month

	USOC	Monthly Rate	Nonrecurring Charge
Per port group	1TFLT	$900.00	$688.75

2. One Year Term Pricing Plan (TPP)

	USOC	Monthly Rate	Nonrecurring Charge
Per port group	1TFLT	$600.00	$0.00

3. Three Year Term Pricing Plan (TPP)

	USOC	Monthly Rate	Nonrecurring Charge
Per port group	1TFLT	$504.00	$0.00

4. Five Year Term Pricing Plan (TPP)

	USOC	Monthly Rate	Nonrecurring Charge
Per port group	1TFLT	$408.00	$0.00

B. Telephone Number per 24 Port Group

	USOC	Monthly Rate	Nonrecurring Charge
1. Per telephone number	1V9	$3.00	None

(N)

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